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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L5	L4 not l3	280
<input type="checkbox"/>	L4	l1 and (nafion or perfluorinated or perfluoro\$) and (dopant or doped or (polymer\$ acid))	293
<input type="checkbox"/>	L3	L2 and l1	13
<input type="checkbox"/>	L2	((dopant or doped or (polymer\$ acid)) with (nafion or perfluorinated or perfluoro\$))	252
<input type="checkbox"/>	L1	(\$dioxythiophene or pedot) and (water or aqueous)	2682

END OF SEARCH HISTORY

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\ (FILE 'HOME' ENTERED AT 17:17:52 ON 04 JAN 2006)

FILE 'CAPLUS' ENTERED AT 17:18:07 ON 04 JAN 2006

L1 5 SEA (?DIOXYTHIOPHENE OR PEDOT) AND (WATER OR AQUEOUS) AND  
(NAFION OR PERFLUORINATED)  
D I-5 IALL  
D 1-5 IALL  
L2 0 SEA PEDOT/NAFION  
L3 1 SEA PEDOT NAFION  
D IALL  
L4 0 SEA ?DIOXYTHIOPHENE NAFION

FILE HOME

FILE CAPLUS

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 03/30026

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08G73/00 C08G73/02 C08G61/00 C08G61/12 H01L51/00  
H01L51/30 H01B1/00 H01B1/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08G H01L H01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 391 481 B1 (HEUER HELMUT-WERNER ET AL) 21 May 2002 (2002-05-21) column 1, line 5 - column 4, line 40; examples 1,2	1-10
X	US 6 083 635 A (MUYS BAVO ET AL) 4 July 2000 (2000-07-04) column 2, line 20 - column 5, line 40; claims 1,15,20	1-10
X	EP 0 593 111 A (AGFA GEVAERT NV) 20 April 1994 (1994-04-20) page 1, line 9 - page 6, line 27 page 8, line 5 - line 25; claim 16	1-8
X	US 6 340 496 B1 (TAHON JEAN-PIERRE ET AL) 22 January 2002 (2002-01-22) column 2, line 8 - column 3, line 23 column 3, line 30 - line 46	1-10

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

16 March 2004

Date of mailing of the international search report

24/03/2004

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